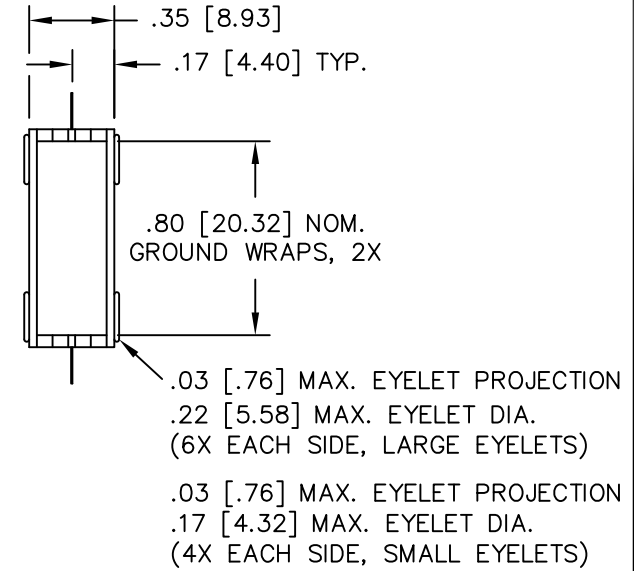
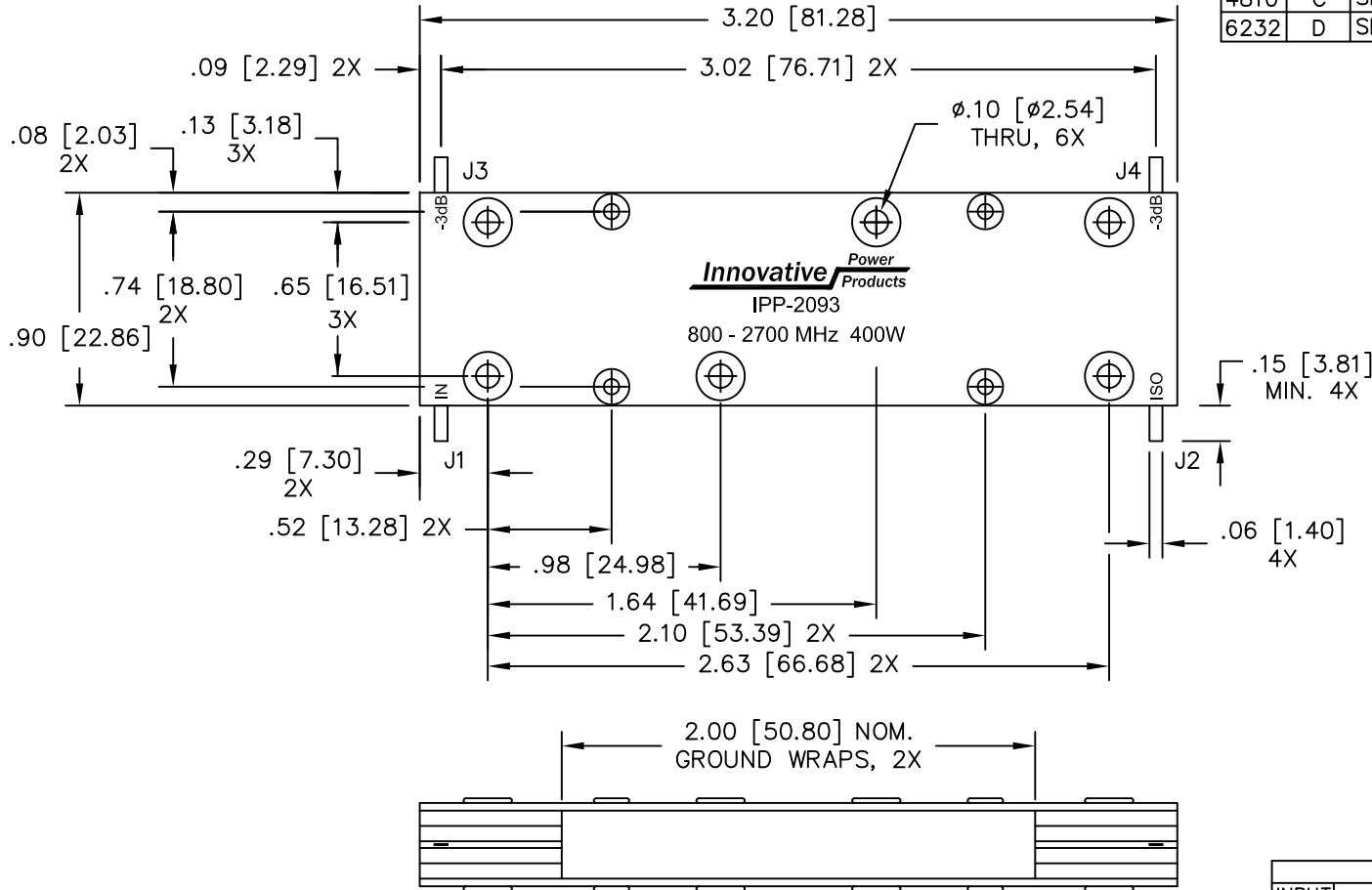


UNAUTHORIZED USE OF THIS  
DRAWING IS STRICTLY PROHIBITED

DAR	REV	DESCRIPTION	APPVD	DATE
1895	B	SEE DAR	DG	6-09
4810	C	SEE DAR	DG	3-14
6232	D	SEE DAR	TJD	5-16



**ELECTRICAL SPECIFICATIONS**

**NOTES:**

- LEAD MATERIAL: 99.99% PURE SILVER .005 [.127] THICK.
- SEE 90° APPLICATION NOTE FOR FURTHER INFORMATION.
- RoHS COMPLIANT.
- DATA AND SPECIFICATIONS APPLY WHEN PART IS MOUNTED IN IPP TEST FIXTURE TF-1039. TEST FIXTURE CONFIGURATION/FOOTPRINT AVAILABLE ON REQUEST.

FREQUENCY:	800 - 2700 MHz.
INSERTION LOSS:	< 0.40 dB
VSWR:	< 1.30:1
ISOLATION:	> 17 dB
AMPLITUDE BALANCE:	±0.6 dB
PHASE BALANCE:	±5°
POWER:	400 WATT
TEMPERATURE:	-55°C TO 85°C

PORT CONFIGURATION				
INPUT	J1	J2	J3	J4
J1	---	ISOLATION	-3dB<0 DEG	-3dB<-90 DEG
J2	ISOLATION	---	-3dB<-90 DEG	-3dB<0 DEG
J3	-3dB<0 DEG	-3dB<-90 DEG	---	ISOLATION
J4	-3dB<-90 DEG	-3dB<0 DEG	ISOLATION	---

MATERIAL AL. ALLOY, 6061-T6	DWN	DG	DATE	1-08	<b>Innovative Power Products</b>	TITLE OUTLINE, COUP., 90°, 800 - 2700 MHz. 400W		
	ENG	TJD	DATE	1-08				
FINISH CHEM FILM CLEAR PER MIL-DTL-5541, TYPE 2, REV F, CLASS 3 ROHS COMPLIANT	MANUF	TP	DATE	1-08			SIZE B	P/N IPP-2093
TOLERANCE .XX ±.02 [.50] .XXX ±.010 [.254] ANG. ±1/2°	CAGE CODE: 437R2		SHEET 1 OF 1	SCALE 2:1				